

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	12	("6720673" "6711719" "6825711" "6574779" "6667648" "6820240").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/17 10:05
L2	2	("6667648").URPN.	USPAT	OR	ON	2006/06/17 10:10
L3	12	("5374861"   "5608757"   "5699002"   "5737364"   "5748024"   "5796299"   "5917358"   "6208494"   "6362644"   "6433585"   "6472911"   "6545521").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/17 10:16
L4	1	((slecti\$4 or adapt\$5)near3 ((disabl\$4 or remov\$4 or de\$power\$4)near2 (power or voltage or supply)))with ((processing or input or output) adj3 island\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/17 10:31
L5	1	((slecti\$4 or adapt\$5)near3 ((disabl\$4 or remov\$4 or de\$power\$4)near2 (power or voltage or supply)))same ((processing or input or output) adj3 island\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/17 10:32
L6	1	( ((disabl\$4 or remov\$4 or de\$power\$4)near2 (power or voltage or supply)))same ((processing or input or output) adj3 island\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/17 10:33
L7	1	(( ((disabl\$4 or remov\$4 or de\$power\$4)near2 (power or voltage or supply)))same ((processing or input or output) adj3 island\$1)).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/17 10:33
L8	1	( ((disabl\$4 or remov\$4 or de\$power\$4 or disconnect\$4 or deactivat\$4)near2 (power or voltage or supply)))same ((processing or input or output) adj3 island\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/17 10:33

## EAST Search History

L9	1	((disabl\$4 or remov\$4 or de\$power\$4 or disconnect\$4 or deactivat\$4 or suspend\$4)near2 (power or voltage or supply)))same ((processing or input or output) adj3 island\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/17 11:03
L10	283	((disabl\$4 or remov\$4 or de\$power\$4 or disconnect\$4 or deactivat\$4 or suspend\$4)near2 (power or voltage or supply)))with ((processing or input or output) adj3 (partition\$4 or part or section or zone or region or island\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/17 10:36
L11	4	l10 same ((semiconductor or integrated)adj circuit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/17 12:29
L12	53	l10 and ((semiconductor or integrated)adj circuit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/17 10:46
L13	11343	((semiconductor or integrated)adj circuit)and ((processing or input or output)adj (island\$1 or section\$1 or region\$1 or zon\$2 or area\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/17 10:47
L14	930	((semiconductor or integrated)adj circuit)with ((processing or input or output)adj (island\$1 or section\$1 or region\$1 or zon\$2 or area\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/17 10:47
L15	3	l14 same ((power or supply or voltage)near4 (disabl\$4 or remov\$3 or inactivat\$4 or disconnect\$4 or deactivat\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/17 10:49
L16	59	l14 and ((power or supply or voltage)near4 (disabl\$4 or remov\$3 or inactivat\$4 or disconnect\$4 or deactivat\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/17 10:50

## EAST Search History

L17	1	I14 and (((power or supply or voltage)near4 (disabl\$4 or remov\$3 or inactivat\$4 or disconnect\$4 or deactivat\$4))with (trnmission or transfer ))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/17 10:52
L18	7	I14 and (((power or supply or voltage)near4 (disabl\$4 or remov\$3 or inactivat\$4 or disconnect\$4 or deactivat\$4))same (tranmission or transfer ))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/17 12:28
L19	0	("6950044").URPN.	USPAT	OR	ON	2006/06/17 11:00
L20	8	("5422807"   "5576708"   "5617090"   "5920275"   "6094154"   "6369738"   "6556164"   "6703961").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/17 11:02
L21	25737	"713"/\$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/17 11:02
L22	90192	"327"/\$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/17 11:02
L23	112977	"438"/\$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/17 11:03
L24	10221	"716"/\$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/17 11:03
L25	50096	"307"/\$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/17 11:03
L26	0	I21 and (( ((disabl\$4 or remov\$4 or de\$power\$4 or disconnect\$4 or deactivat\$4 or suspend\$4)near2 (power or voltage or supply)))same ((processing or input or output) adj3 island\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/17 11:04
L27	0	I22 and (( ((disabl\$4 or remov\$4 or de\$power\$4 or disconnect\$4 or deactivat\$4 or suspend\$4)near2 (power or voltage or supply)))same ((processing or input or output) adj3 island\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/17 11:04

## EAST Search History

L28	0	I23 and (( ((disabl\$4 or remov\$4 or de\$power\$4 or disconnect\$4 or deactivat\$4 or suspend\$4)near2 (power or voltage or supply))))same ((processing or input or output) adj3 island\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/17 11:04
L29	0	I24 and (( ((disabl\$4 or remov\$4 or de\$power\$4 or disconnect\$4 or deactivat\$4 or suspend\$4)near2 (power or voltage or supply))))same ((processing or input or output) adj3 island\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/17 11:04
L30	0	I25 and (( ((disabl\$4 or remov\$4 or de\$power\$4 or disconnect\$4 or deactivat\$4 or suspend\$4)near2 (power or voltage or supply))))same ((processing or input or output) adj3 island\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/17 12:07
L31	0	((first or one) adj circuit)with ((second or other) adj circuit))with (independent adj2 (voltage or power or supply))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/17 12:10
L32	23	((first or one) adj circuit)with ((second or other) adj circuit))with (independent adj2 (voltage or power or supply))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/17 12:10
L33	113	I21 and (((power or supply or voltage)near4 (disabl\$4 or remov\$3 or inactivat\$4 or disconnect\$4 or deactivat\$4))same (tranmission or transfer ))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/17 12:28
L34	302	I22 and (((power or supply or voltage)near4 (disabl\$4 or remov\$3 or inactivat\$4 or disconnect\$4 or deactivat\$4))same (tranmission or transfer ))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/17 12:28
L35	135	I23 and (((power or supply or voltage)near4 (disabl\$4 or remov\$3 or inactivat\$4 or disconnect\$4 or deactivat\$4))same (tranmission or transfer ))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/17 12:28

## EAST Search History

L36	10	I24 and (((power or supply or voltage)near4 (disabl\$4 or remov\$3 or inactivat\$4 or disconnect\$4 or deactivat\$4))same (tranmission or transfer ))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/17 12:30
L37	404	I25 and (((power or supply or voltage)near4 (disabl\$4 or remov\$3 or inactivat\$4 or disconnect\$4 or deactivat\$4))same (tranmission or transfer ))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/17 12:28
L38	49	I33 and ((semiconductor or integrated)adj circuit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/17 13:42
L39	105	I34 and ((semiconductor or integrated)adj circuit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/17 12:29
L40	55	I35 and ((semiconductor or integrated)adj circuit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/17 13:30
L41	7	I36 and ((semiconductor or integrated)adj circuit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/17 13:50
L42	2	("6667648").URPN.	USPAT	OR	ON	2006/06/17 12:53
L43	6	("6462976"   "6598148"   "6631502"   "6667648"   "6779163"   "6820240").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/17 13:09
L44	2	("6137188" "6577535").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/17 13:09
L45	1	("6577535").URPN.	USPAT	OR	ON	2006/06/17 13:13

## EAST Search History

L46	34	("4433282"   "4578772"   "4970692"   "5172338"   "5196739"   "5267218"   "5276646"   "5291446"   "5305275"   "5306961"   "5388084"   "5394027"   "5418752"   "5426391"   "5430859"   "5440520"   "5442586"   "5444664"   "5455794"   "5508971"   "5511026"   "5519654"   "5524231"   "5553261"   "5563825"   "5568424"   "5592420"   "5596532"   "5598370"   "5621685"   "5671179"   "5693570"   "5694360"   "5818781").pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/17 13:14
L47	0	(JP2002-207528 JP6-255213 JP5-32018 JP5-273950 JP9-247543 JP9-63188 CN1262466A).pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/17 13:43
L48	0	(JP2002207528 JP6255213 JP532018 JP5273950 JP9247543 JP963188 CN1262466A).pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/17 13:44
L49	2	("2002207528" JP6255213 JP532018 JP5273950 JP9247543 JP963188 CN1262466A).pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/17 13:44
L50	14	("2002207528" "6255213" "532018" "5273950" "9247543" "963188" 1262466A).pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/17 13:44
L51	49	l33 and ((semiconductor or integrated)adj circuit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/17 13:50

## EAST Search History

L52	105	I34 and ((semiconductor or integrated)adj circuit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/17 13:55
L53	0	I52 and island\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/17 13:58
L54	896	((power or voltage or current)near5 (control\$4 or manag\$5 or reduc\$5 or sav\$4 or disabl\$4 or inactivat\$4)) with island\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/17 14:00
L55	0	((power or voltage or current)near5 (control\$4 or manag\$5 or reduc\$5 or sav\$4 or disabl\$4 or inactivat\$4 or remov\$4 or disconnect\$4)) with island\$1 with ((transfer or transmi\$4 or transmission) adj complet\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/17 14:02
L56	0	((power or voltage or current)near5 (control\$4 or manag\$5 or reduc\$5 or sav\$4 or disabl\$4 or inactivat\$4 or remov\$4 or disconnect\$4)) with island\$1 same ((transfer or transmi\$4 or transmission) adj complet\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/17 14:02
L57	0	((power or voltage or current)near5 (control\$4 or manag\$5 or reduc\$5 or sav\$4 or disabl\$4 or inactivat\$4 or remov\$4 or disconnect\$4)) with island\$1 same ((transfer or transmi\$4 or transmission) adj (finish\$4 or complet\$4 or done))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/17 14:04
L58	3	((power or voltage or current)near5 (control\$4 or manag\$5 or reduc\$5 or sav\$4 or disabl\$4 or inactivat\$4 or remov\$4 or disconnect\$4)) same island\$1 same ((transfer or transmi\$4 or transmission) adj (finish\$4 or complet\$4 or done))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/17 14:09

## EAST Search History

L59	25	((semiconductor or integrated)adj2 (circuit or IC))same (process\$4 adj (isalnd or section or block or circuit or zone))same (input adj (isalnd or section or block or circuit or zone))same (output adj (isalnd or section or block or circuit or zone))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/17 14:35
L60	0	I59 and (((power or voltage or current)near5 (control\$4 or manag\$5 or reduc\$5 or sav\$4 or disabl\$4 or inactivat\$4 or remov\$4 or disconnect\$4))same ((transfer or transmi\$4 or transmission) adj (finish\$4 or complet\$4 or done)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/17 14:10
L61	1	I59 and (((power or voltage or current)near5 (control\$4 or manag\$5 or reduc\$5 or sav\$4 or disabl\$4 or inactivat\$4 or remov\$4 or disconnect\$4))same ( (finish\$4 or complet\$4 or done)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/17 14:10
L62	2	("6820240").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/17 14:29
L63	71	((power or voltage or supply or current)near3 (remov\$4 or disabl\$4 or disconnect\$4 or inactivat\$4))with (transmission near3 (complet\$4 or done or finish\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/17 14:31
L64	0	I63 and (((semiconductor or integrated)adj2 (circuit or IC))same (process\$4 adj (isalnd or section or block or circuit or zone))same (input adj (isalnd or section or block or circuit or zone))same (output adj (isalnd or section or block or circuit or zone)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/17 14:36



**Inventor Name Search Result**

Your Search was:

Last Name = BLANCO

First Name = RAFAEL

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<a href="#">08224927</a>	<a href="#">5554946</a>	150	04/08/1994	TIMING SIGNAL GENERATOR	BLANCO, RAFAEL
<a href="#">08453587</a>	<a href="#">5568075</a>	150	05/30/1995	TIMING SIGNAL GENERATOR	BLANCO, RAFAEL
<a href="#">09832520</a>	<a href="#">6720673</a>	150	04/11/2001	VOLTAGE ISLAND FENCING	BLANCO, RAFAEL
<a href="#">10604328</a>	Not Issued	30	07/11/2003	POWER DOWN PROCESSING ISLANDS	BLANCO, RAFAEL
<a href="#">10904056</a>	Not Issued	30	10/21/2004	SIMULATION TESTING OF DIGITAL LOGIC CIRCUIT DESIGNS	BLANCO, RAFAEL
<a href="#">10906476</a>	Not Issued	30	02/22/2005	METHOD OF SWITCHING VOLTAGE ISLANDS IN INTEGRATED CIRCUITS	BLANCO, RAFAEL
<a href="#">11160184</a>	Not Issued	30	08/19/2005	SELECTIVELY CHANGEABLE LINE WIDTH MEMORY	BLANCO, RAFAEL

**Inventor Search Completed: No Records to Display.**

<b>Search Another: Inventor</b>	<b>Last Name</b>	<b>First Name</b>	<input type="button" value="Search"/>
	<input type="text" value="BLANCO"/>	<input type="text" value="RAFAEL"/>	

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## Inventor Name Search Result

Your Search was:

Last Name = COHN

First Name = JOHN

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<a href="#">09057961</a>	6189132	150	04/09/1998	DESIGN RULE CORRECTION SYSTEM AND METHOD	COHN, JOHN
<a href="#">11382601</a>	Not Issued	20	05/10/2006	UTILIZING CLOCK SHIELD AS DEFECT MONITOR	COHN, JOHN M
<a href="#">09616485</a>	Not Issued	168	07/14/2000	Low input impedance line/bus receiver	COHN, JOHN M.
<a href="#">09702313</a>	6473881	150	10/31/2000	PATTERN-MATCHING FOR TRANSISTOR LEVEL NETLISTS	COHN, JOHN M.
<a href="#">09705031</a>	6429469	150	11/02/2000	OPTICAL PROXIMITY CORRECTION STRUCTURES HAVING DECOUPLING CAPACITORS	COHN, JOHN M.
<a href="#">09713829</a>	6792582	150	11/15/2000	CONCURRENT LOGICAL AND PHYSICAL CONSTRUCTION OF VOLTAGE ISLANDS FOR MIXED SUPPLY VOLTAGE DESIGNS	COHN, JOHN M.
<a href="#">09737012</a>	6523154	150	12/14/2000	METHOD FOR SUPPLY VOLTAGE DROP ANALYSIS DURING PLACEMENT PHASE OF CHIP DESIGN	COHN, JOHN M.
<a href="#">09750969</a>	6687883	150	12/28/2000	SYSTEM AND METHOD FOR INSERTING LEAKAGE REDUCTION CONTROL IN LOGIC CIRCUITS	COHN, JOHN M.
<a href="#">09761464</a>	6523159	150	01/16/2001	METHOD FOR ADDING DECOUPLING CAPACITANCE DURING INTEGRATED CIRCUIT DESIGN	COHN, JOHN M.
<a href="#">09781369</a>	6985004	150	02/12/2001	WIRING OPTIMIZATIONS FOR POWER	COHN, JOHN M.
<a href="#">09812211</a>	6490708	150	03/19/2001	METHOD OF INTEGRATED CIRCUIT DESIGN BY SELECTION OF NOISE TOLERANT GATES	COHN, JOHN M.
<a href="#">09833479</a>	6574779	150	04/12/2001	HIERARCHICAL LAYOUT METHOD FOR INTEGRATED CIRCUITS	COHN, JOHN M.
<a href="#">10248324</a>	6948146	150	01/09/2003	SIMPLIFIED TILING PATTERN METHOD	COHN, JOHN M.
<a href="#">10248696</a>	6924661	150	02/10/2003	POWER SWITCH CIRCUIT SIZING TECHNIQUE	COHN, JOHN M.

<u>10249684</u>	<u>6825711</u>	150	04/30/2003	POWER REDUCTION BY STAGE IN INTEGRATED CIRCUIT	COHN, JOHN M.
<u>10249779</u>	Not Issued	95	05/07/2003	MULTIPLE SUPPLY GATE ARRAY BACKFILL STRUCTURE	COHN, JOHN M.
<u>10250295</u>	Not Issued	30	06/20/2003	METHOD AND APPARATUS FOR MANUFACTURING DIAMOND SHAPED CHIPS	COHN, JOHN M.
<u>10604328</u>	Not Issued	30	07/11/2003	POWER DOWN PROCESSING ISLANDS	COHN, JOHN M.
<u>10709672</u>	Not Issued	30	05/21/2004	LEARNING BASED LOGIC DIAGNOSIS	COHN, JOHN M.
<u>10709754</u>	Not Issued	30	05/26/2004	A SYSTEM AND METHOD OF PROVIDING ERROR DETECTION AND CORRECTION CAPABILITY IN AN INTEGRATED CIRCUIT USING REDUNDANT LOGIC CELLS OF AN EMBEDDED FPGA	COHN, JOHN M.
<u>10710114</u>	Not Issued	95	06/18/2004	METHOD AND STRUCTURE FOR DEFECT MONITORING OF SEMICONDUCTOR DEVICES USING POWER BUS WIRING GRIDS	COHN, JOHN M.
<u>10710222</u>	<u>7005874</u>	150	06/28/2004	UTILIZING CLOCK SHIELD AS DEFECT MONITOR	COHN, JOHN M.
<u>10710640</u>	<u>6998866</u>	150	07/27/2004	CIRCUIT AND METHOD FOR MONITORING DEFECTS	COHN, JOHN M.
<u>10710642</u>	Not Issued	30	07/27/2004	Designing Scan Chains With Specific Parameter Sensitivities to Identify Process Defects	COHN, JOHN M.
<u>10710879</u>	Not Issued	94	08/10/2004	DEFECT DIAGNOSIS FOR SEMICONDUCTOR INTEGRATED CIRCUITS	COHN, JOHN M.
<u>10710940</u>	Not Issued	93	08/13/2004	METHOD FOR DESIGNING AN INTEGRATED CIRCUIT DEFECT MONITOR	COHN, JOHN M.
<u>10906476</u>	Not Issued	30	02/22/2005	METHOD OF SWITCHING VOLTAGE ISLANDS IN INTEGRATED CIRCUITS	COHN, JOHN M.
<u>10906591</u>	Not Issued	30	02/25/2005	CIRCUIT LAYOUT METHODOLOGY	COHN, JOHN M.
<u>10907494</u>	Not Issued	30	04/04/2005	METHOD OF ADDING FABRICATION MONITORS TO INTEGRATED CIRCUIT CHIPS	COHN, JOHN M.
<u>10908593</u>	Not Issued	30	05/18/2005	THE USE OF REDUNDANT ROUTES TO INCREASE THE YIELD AND RELIABILITY OF A VLSI LAYOUT	COHN, JOHN M.
<u>10917193</u>	Not Issued	30	08/12/2004	Physical design system and method	COHN, JOHN M.
<u>11160266</u>	Not	25	06/16/2005	INTEGRATED CIRCUIT DIAGNOSING	COHN, JOHN M.

	Issued			METHOD, SYSTEM, AND PROGRAM PRODUCT	
<u>11160339</u>	Not Issued	30	06/20/2005	IC TILING PATTERN METHOD, IC SO FORMED AND ANALYSIS METHOD	COHN, JOHN M.
<u>11176712</u>	Not Issued	25	07/07/2005	Wiring optimizations for power	COHN, JOHN M.
<u>11275076</u>	Not Issued	25	12/08/2005	A METHOD FOR IC WIRING YIELD OPTIMIZATION, INCLUDING WIRE WIDENING DURING AND AFTER ROUTING	COHN, JOHN M.
<u>11277663</u>	Not Issued	20	03/28/2006	METHOD AND STRUCTURE FOR DEFECT MONITORING OF SEMICONDUCTOR DEVICES USING POWER BUS WIRING GRIDS	COHN, JOHN M.
<u>11280008</u>	Not Issued	94	11/16/2005	UTILIZING CLOCK SHIELD AS DEFECT MONITOR	COHN, JOHN M.
<u>11381369</u>	Not Issued	20	05/03/2006	PRINTING AND COPYING FAULT MONITORING USING COVER SHEETS	COHN, JOHN M.
<u>08253898</u>	<u>5535134</u>	150	06/03/1994	OBJECT PLACEMENT AID	COHN, JOHN M.
<u>08549405</u>	<u>5745735</u>	250	10/26/1995	LOCALIZED SIMULATED ANNEALING	COHN, JOHN M.
<u>08597743</u>	<u>5757657</u>	150	02/07/1996	ADAPTIVE INCREMENTAL PLACEMENT OF CIRCUITS ON VLSI CHIP	COHN, JOHN M.
<u>09296369</u>	<u>6430733</u>	150	04/22/1999	CONTEXTUAL BASED GROUNDRULE COMPENSATION METHOD OF MASK DATA SET GENERATION	COHN, JOHN M.
<u>09334980</u>	Not Issued	163	06/17/1999	LOCATION BASED CELL PROXIMITY CORRECTION METHOD	COHN, JOHN M.
<u>09475799</u>	<u>6751744</u>	150	12/30/1999	METHOD OF INTEGRATED CIRCUIT DESIGN CHECKING USING PROGRESSIVE INDIVIDUAL NETWORK ANALYSIS	COHN, JOHN M.
<u>60264215</u>	Not Issued	159	01/25/2001	Heart valve implantation device and method	COHN, JOHN M.
<u>09682473</u>	<u>7071757</u>	150	09/06/2001	CLOCK SIGNAL DISTRIBUTION UTILIZING DIFFERENTIAL SINUSOIDAL SIGNAL PAIR	COHN, JOHN MAXWELL
<u>09683276</u>	<u>6651230</u>	150	12/07/2001	METHOD FOR REDUCING DESIGN EFFECT OF WEAROUT MECHANISMS ON SIGNAL SKEW IN INTEGRATED CIRCUIT DESIGN	COHN, JOHN MAXWELL
<u>09750884</u>	<u>6479974</u>	150	12/28/2000	STACKED VOLTAGE RAILS FOR LOW-VOLTAGE DC DISTRIBUTION	COHN, JOHN MAXWELL
<u>09862427</u>	<u>6832361</u>	150	05/21/2001	SYSTEM AND METHOD FOR	COHN, JOHN MAXWELL

				ANALYZING POWER DISTRIBUTION USING STATIC TIMING ANALYSIS	
<u>09928573</u>	<u>6711719</u>	150	08/13/2001	METHOD AND APPARATUS FOR REDUCING POWER CONSUMPTION IN VLSI CIRCUIT DESIGNS	COHN, JOHN MAXWELL

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## Inventor Name Search Result

Your Search was:

Last Name = GOODNOW

First Name = KENNETH

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<a href="#">09073999</a>	6658634	150	05/07/1998	LOGIC POWER OPTIMIZATION ALGORITHM	GOODNOW, KENNETH
<a href="#">09103383</a>	Not Issued	161	06/24/1998	LOW POWER STAND-BY MODE USING COMPRESSED DATA AND METHOD FOR USING SAME	GOODNOW, KENNETH J
<a href="#">09492624</a>	Not Issued	161	01/27/2000	METHOD FOR IP CORE PROTECTION IN ASIC DESIGNS	GOODNOW, KENNETH J.
<a href="#">09682835</a>	6541997	150	10/23/2001	CLOCKLESS IMPEDANCE CONTROLLER	GOODNOW, KENNETH J.
<a href="#">09709872</a>	6604174	150	11/10/2000	PERFORMANCE BASED SYSTEM AND METHOD FOR DYNAMIC ALLOCATION OF A UNIFIED MULTI-PORT CACHE	GOODNOW, KENNETH J.
<a href="#">09777365</a>	Not Issued	161	02/05/2001	Directed least recently used cache replacement method	GOODNOW, KENNETH J.
<a href="#">10064582</a>	Not Issued	94	07/29/2002	SYSTEM AND METHOD FOR CORRECTING TIMING SIGNALS IN INTEGRATED CIRCUITS	GOODNOW, KENNETH J.
<a href="#">10248527</a>	Not Issued	61	01/27/2003	Dual time sliced circular bus	GOODNOW, KENNETH J.
<a href="#">10249568</a>	Not Issued	93	04/19/2003	WIRELESS COMMUNICATION SYSTEM WITHIN A SYSTEM ON A CHIP	GOODNOW, KENNETH J.
<a href="#">10249684</a>	6825711	150	04/30/2003	POWER REDUCTION BY STAGE IN INTEGRATED CIRCUIT	GOODNOW, KENNETH J.
<a href="#">10604328</a>	Not Issued	30	07/11/2003	POWER DOWN PROCESSING ISLANDS	GOODNOW, KENNETH J.
<a href="#">10604410</a>	Not Issued	41	07/18/2003	FIBER OPTIC TRANSMISSION LINES ON AN SOC	GOODNOW, KENNETH J.
<a href="#">10605366</a>	Not Issued	41	09/25/2003	SEMICONDUCTOR DEVICE COMPRISING A PLURALITY OF MEMORY STRUCTURES	GOODNOW, KENNETH J.
<a href="#">10605603</a>	6954085	150	10/13/2003	SYSTEM AND METHOD FOR DYNAMICALLY EXECUTING A FUNCTION IN A PROGRAMMABLE LOGIC ARRAY	GOODNOW, KENNETH J.

<u>10692193</u>	Not Issued	30	10/23/2003	Method and structure for replacing faulty operating code contained in a ROM for a processor	GOODNOW, KENNETH J.
<u>10707304</u>	Not Issued	30	12/04/2003	MULTIPROCESSOR CODE FIX USING A LOCAL CACHE	GOODNOW, KENNETH J.
<u>10707323</u>	Not Issued	41	12/05/2003	METHOD OF SELECTIVELY BUILDING REDUNDANT LOGIC STRUCTURES TO IMPROVE FAULT TOLERANCE	GOODNOW, KENNETH J.
<u>10709809</u>	Not Issued	30	05/28/2004	METHOD FOR SYSTEM LEVEL PROTECTION OF FIELD PROGRAMMABLE LOGIC DEVICES	GOODNOW, KENNETH J.
<u>10711082</u>	Not Issued	41	08/20/2004	COMMUNICATION SYSTEMS AND METHODS USING MICROELECTRONICS POWER DISTRIBUTION NETWORK	GOODNOW, KENNETH J.
<u>10711084</u>	Not Issued	61	08/20/2004	SYSTEM AND METHOD FOR ARBITRATION BETWEEN SHARED PERIPHERAL CORE DEVICES IN SYSTEM ON CHIP ARCHITECTURES	GOODNOW, KENNETH J.
<u>10725712</u>	<u>7065733</u>	150	12/02/2003	METHOD FOR MODIFYING THE BEHAVIOR OF A STATE MACHINE	GOODNOW, KENNETH J.
<u>10729750</u>	<u>6996795</u>	150	12/04/2003	DATA PROCESSING IN DIGITAL SYSTEMS	GOODNOW, KENNETH J.
<u>10904259</u>	Not Issued	20	11/01/2004	METHOD AND APPARATUS FOR SERVICING THREADS WITHIN A MULTI-PROCESSOR SYSTEM	GOODNOW, KENNETH J.
<u>10906388</u>	Not Issued	30	02/17/2005	SYSTEM AND METHOD FOR SYSTEM-ON-CHIP INTERCONNECT VERIFICATION	GOODNOW, KENNETH J.
<u>10906476</u>	Not Issued	30	02/22/2005	METHOD OF SWITCHING VOLTAGE ISLANDS IN INTEGRATED CIRCUITS	GOODNOW, KENNETH J.
<u>10908597</u>	Not Issued	30	05/18/2005	A METHOD AND APPARATUS FOR TRANSFERRING DATA BETWEEN CORES IN AN INTEGRATED CIRCUIT	GOODNOW, KENNETH J.
<u>11160601</u>	Not Issued	20	06/30/2005	METHOD AND APPARATUS FOR MONITORING INTEGRATED CIRCUIT TEMPERATURE THROUGH DETERMINISTIC PATH DELAYS	GOODNOW, KENNETH J.
<u>11160609</u>	Not Issued	30	06/30/2005	APPARATUS AND METHOD FOR IMPLEMENTING AN INTEGRATED CIRCUIT IP CORE LIBRARY ARCHITECTURE	GOODNOW, KENNETH J.
<u>11162997</u>	Not Issued	30	09/30/2005	FPGA POWERUP TO KNOWN FUNCTIONAL STATE	GOODNOW, KENNETH J.
<u>11164646</u>	Not	20	11/30/2005	METHOD AND SYSTEM FOR	GOODNOW, KENNETH J.

	Issued			EXTENDING THE USEFUL LIFE OF ANOTHER SYSTEM	
<u>11181053</u>	Not Issued	25	07/14/2005	System and method for dynamically executing a function in a programmable logic array	GOODNOW, KENNETH J.
<u>11272884</u>	Not Issued	25	11/14/2005	Data processing in digital systems	GOODNOW, KENNETH J.
<u>11275536</u>	Not Issued	25	01/12/2006	METHOD FOR INCREASING THE MANUFACTURING YIELD OF PROGRAMMABLE LOGIC DEVICES	GOODNOW, KENNETH J.
<u>11276236</u>	Not Issued	25	02/20/2006	PROCESSOR PIPELINE ARCHITECTURE LOGIC STATE RETENTION SYSTEMS AND METHODS	GOODNOW, KENNETH J.
<u>11279507</u>	Not Issued	20	04/12/2006	DETERMINING HISTORY STATE OF DATA IN DATA RETAINING DEVICE BASED ON STATE OF PARTIALLY DEPLETED SILICON-ON-INSULATOR	GOODNOW, KENNETH J.
<u>11279639</u>	Not Issued	30	04/13/2006	DETERMINING RELATIVE AMOUNT OF USAGE OF DATA RETAINING DEVICE BASED ON POTENTIAL OF CHARGE STORING DEVICE	GOODNOW, KENNETH J.
<u>11279666</u>	Not Issued	20	04/13/2006	METHOD OF MANUFACTURING INTEGRATED CIRCUITS USING PRE-MADE AND PRE-QUALIFIED EXPOSURE MASKS FOR SELECTED BLOCKS OF CIRCUITRY	GOODNOW, KENNETH J.
<u>11371833</u>	Not Issued	25	03/09/2006	FPGA powerup to known functional state	GOODNOW, KENNETH J.
<u>11380799</u>	Not Issued	20	04/28/2006	STRUCTURE AND METHOD FOR IMPLEMENTING OXIDE LEAKAGE BASED VOLTAGE DIVIDER NETWORK FOR INTEGRATED CIRCUIT DEVICES	GOODNOW, KENNETH J.
<u>11410829</u>	Not Issued	25	04/24/2006	Wireless communication system within a system on a chip	GOODNOW, KENNETH J.
<u>08504347</u>	<u>5710892</u>	250	07/19/1995	SYSTEM AND METHOD FOR ASYNCHRONOUS DUAL BUS CONVERSION USING DOUBLE STATE MACHINES	GOODNOW, KENNETH J.
<u>08751465</u>	<u>5781922</u>	150	11/19/1996	PAGE BOUNDARY CACHES	GOODNOW, KENNETH J.
<u>08751468</u>	<u>6026471</u>	150	11/19/1996	ANTICIPATING CACHE MEMORY LOADER AND METHOD	GOODNOW, KENNETH J.
<u>08770355</u>	<u>6141351</u>	150	12/20/1996	RADIO FREQUENCY BUS FOR BROADBAND MICROPROCESSOR COMMUNICATIONS	GOODNOW, KENNETH J.



<a href="#">08835126</a>	Not Issued	161	04/04/1997	PREDICTIVE CACHE LOADING BY PROGRAM ADDRESS DISCONTINUITY HISTORY	GOODNOW, KENNETH J.
<a href="#">09054459</a>	<a href="#">6134704</a>	150	04/03/1998	INTEGRATED CIRCUIT MACRO APPARATUS	GOODNOW, KENNETH J.
<a href="#">09056300</a>	<a href="#">6167524</a>	150	04/06/1998	APPARATUS AND METHOD FOR EFFICIENT BATTERY UTILIZATION IN PORTABLE PERSONAL COMPUTERS	GOODNOW, KENNETH J.
<a href="#">09074442</a>	<a href="#">6081135</a>	150	05/07/1998	DEVICE AND METHOD TO REDUCE POWER CONSUMPTION IN INTEGRATED SEMICONDUCTOR DEVICES	GOODNOW, KENNETH J.
<a href="#">09120211</a>	<a href="#">6011383</a>	150	07/21/1998	LOW POWERING APPARATUS FOR AUTOMATIC REDUCTION OF POWER IN ACTIVE AND STANDBY MODES	GOODNOW, KENNETH J.
<a href="#">09129921</a>	<a href="#">6275968</a>	150	08/06/1998	APPARATUS AND METHOD TO REDUCE NODE TOGGLING IN SEMICONDUCTOR DEVICES	GOODNOW, KENNETH J.

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## Inventor Name Search Result

Your Search was:

Last Name = STOUT

First Name = DOUGLAS

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<a href="#">10919116</a>	Not Issued	20	08/16/2004	Molded pump	STOUT, DOUGLAS L.
<a href="#">60537537</a>	Not Issued	159	01/20/2004	Molded pump	STOUT, DOUGLAS L.
<a href="#">09657081</a>	<a href="#">6262873</a>	150	09/07/2000	Method for providing ESD protection for an integrated circuit	STOUT, DOUGLAS W.
<a href="#">09666632</a>	<a href="#">6292343</a>	150	09/21/2000	ASIC book to provide ESD protection on an integrated circuit	STOUT, DOUGLAS W.
<a href="#">09678742</a>	<a href="#">6725439</a>	150	10/04/2000	METHOD OF AUTOMATED DESIGN AND CHECKING FOR ESD ROBUSTNESS	STOUT, DOUGLAS W.
<a href="#">09777286</a>	<a href="#">6362653</a>	150	02/06/2001	High voltage tolerant receivers	STOUT, DOUGLAS W.
<a href="#">09895778</a>	<a href="#">6545521</a>	150	06/29/2001	LOW SKEW, POWER SEQUENCE INDEPENDENT CMOS RECEIVER DEVICE	STOUT, DOUGLAS W.
<a href="#">10063425</a>	<a href="#">6667648</a>	150	04/23/2002	VOLTAGE ISLAND COMMUNICATIONS CIRCUITS	STOUT, DOUGLAS W.
<a href="#">10064504</a>	<a href="#">6577178</a>	150	07/23/2002	TRANSIENT GATE TUNNELING CURRENT CONTROL	STOUT, DOUGLAS W.
<a href="#">10065201</a>	<a href="#">6820240</a>	150	09/25/2002	VOLTAGE ISLAND CHIP IMPLEMENTATION	STOUT, DOUGLAS W.
<a href="#">10065202</a>	<a href="#">6779163</a>	150	09/25/2002	VOLTAGE ISLAND DESIGN PLANNING	STOUT, DOUGLAS W.
<a href="#">10108687</a>	<a href="#">6493257</a>	150	03/27/2002	CMOS STATE SAVING LATCH	STOUT, DOUGLAS W.
<a href="#">10248329</a>	<a href="#">6891207</a>	150	01/09/2003	ELECTROSTATIC DISCHARGE PROTECTION NETWORKS FOR TRIPLE WELL SEMICONDUCTOR DEVICES	STOUT, DOUGLAS W.
<a href="#">10249684</a>	<a href="#">6825711</a>	150	04/30/2003	POWER REDUCTION BY STAGE IN INTEGRATED CIRCUIT	STOUT, DOUGLAS W.
<a href="#">10604277</a>	Not Issued	71	07/08/2003	NESTED VOLTAGE ISLAND ARCHITECTURE	STOUT, DOUGLAS W.
<a href="#">10604328</a>	Not Issued	30	07/11/2003	POWER DOWN PROCESSING ISLANDS	STOUT, DOUGLAS W.

<u>10605483</u>	Not Issued	93	10/02/2003	ELECTROSTATIC DISCHARGE PROTECTION NETWORKS FOR TRIPLE WELL SEMICONDUCTOR DEVICES	STOUT, DOUGLAS W.
<u>10605750</u>	<u>6927614</u>	150	10/23/2003	HIGH PERFORMANCE STATE SAVING CIRCUIT	STOUT, DOUGLAS W.
<u>10711431</u>	Not Issued	41	09/17/2004	METHOD AND APPARATUS FOR DEPOPULATING PERIPHERAL INPUT/OUTPUT CELLS	STOUT, DOUGLAS W.
<u>10867914</u>	<u>6883152</u>	150	06/15/2004	VOLTAGE ISLAND CHIP IMPLEMENTATION	STOUT, DOUGLAS W.
<u>10906476</u>	Not Issued	30	02/22/2005	METHOD OF SWITCHING VOLTAGE ISLANDS IN INTEGRATED CIRCUITS	STOUT, DOUGLAS W.
<u>10907499</u>	Not Issued	30	04/04/2005	METHOD AND APPARATUS OF OPTIMIZING THE IO COLLAR OF A PERIPHERAL IMAGE	STOUT, DOUGLAS W.
<u>11095327</u>	Not Issued	30	03/31/2005	Voltage dependent parameter analysis	STOUT, DOUGLAS W.
<u>11161334</u>	Not Issued	93	07/29/2005	SYSTEM AND METHOD FOR POWER GATING	STOUT, DOUGLAS W.
<u>11164040</u>	Not Issued	25	11/08/2005	METHOD AND APPARATUS FOR STORING CIRCUIT CALIBRATION INFORMATION	STOUT, DOUGLAS W.
<u>11277385</u>	Not Issued	20	03/24/2006	STATIC TIMING SLACKS ANALYSIS AND MODIFICATION	STOUT, DOUGLAS W.
<u>11380799</u>	Not Issued	20	04/28/2006	STRUCTURE AND METHOD FOR IMPLEMENTING OXIDE LEAKAGE BASED VOLTAGE DIVIDER NETWORK FOR INTEGRATED CIRCUIT DEVICES	STOUT, DOUGLAS W.
<u>07471249</u>	<u>5127008</u>	150	01/25/1990	INTEGRATED CIRCUIT DRIVER INHIBIT CONTROL TEST METHOD	STOUT, DOUGLAS W.
<u>07534406</u>	<u>5134311</u>	150	06/07/1990	SELF-ADJUSTING IMPEDANCE MATCHING DRIVER	STOUT, DOUGLAS W.
<u>07595911</u>	<u>5151619</u>	150	10/11/1990	CMOS OFF CHIP DRIVER CIRCUIT	STOUT, DOUGLAS W.
<u>07764499</u>	<u>5195412</u>	150	09/20/1991	NOTCHING AND SHEARING MACHINE FOR EXTERIOR SIDING PANELS AND METHOD OF USING SAME	STOUT, DOUGLAS W.
<u>08431882</u>	<u>5644265</u>	150	05/01/1995	OFF-CHIP DRIVER FOR MIXED VOLTAGE APPLICATIONS	STOUT, DOUGLAS W.
<u>08595054</u>	Not Issued	166	01/31/1996	INTEGRATED CIRCUIT CHIP HAVING GATE ARRAY BOOK PERSONALIZATION USING LOCAL INTERCONNECT	STOUT, DOUGLAS W.
<u>09015819</u>	Not	161	01/29/1998	METHOD OF AUTOMATED DESIGN	STOUT, DOUGLAS W.

	Issued			AND CHECKING FOR ESD ROBUSTNESS	
<a href="#">09121515</a>	<a href="#">6087881</a>	150	07/23/1998	INTEGRATED CIRCUIT DUAL LEVEL SHIFT PREDRIVE CIRCUIT	STOUT, DOUGLAS W.
<a href="#">09183707</a>	<a href="#">6140846</a>	150	10/30/1998	DRIVER CIRCUIT CONFIGURED FOR USE WITH RECEIVER	STOUT, DOUGLAS W.
<a href="#">09224766</a>	<a href="#">6157530</a>	150	01/04/1999	ESD PROTECTION CIRCUIT FOR MULTIPLE POWER SUPPLY ENVIRONMENTS	STOUT, DOUGLAS W.
<a href="#">09754156</a>	<a href="#">6670683</a>	150	01/04/2001	COMPOSITE TRANSISTOR HAVING A SLEW-RATE CONTROL	STOUT, DOUGLAS WILLARD
<a href="#">09758054</a>	<a href="#">6570401</a>	150	01/10/2001	DUAL RAIL POWER SUPPLY SEQUENCE TOLERANT OFF-CHIP DRIVER	STOUT, DOUGLAS WILLARD
<a href="#">10063504</a>	<a href="#">6731154</a>	150	05/01/2002	GLOBAL VOLTAGE BUFFER FOR VOLTAGE ISLANDS	STOUT, DOUGLAS WILLARD
<a href="#">08812623</a>	<a href="#">5867052</a>	150	03/07/1997	OFF-CHIP DRIVER FOR MIXED VOLTAGE APPLICATIONS	STOUT, DOUGLAS WILLARD
<a href="#">08871743</a>	<a href="#">5969554</a>	150	06/09/1997	MULTI-FUNCTION PRE-DRIVER CIRCUIT WITH SLEW WITH SLEW RATE CONTROL, TRI-STATE OPERATION, AND LEVEL SHIFTING	STOUT, DOUGLAS WILLARD
<a href="#">08885494</a>	Not Issued	161	06/30/1997	INTERGRATED CIRCUIT CHIP HAVING GATE ARRAY BOOK PERSONALIZATION USING LOCAL INTERCONNECT	STOUT, DOUGLAS WILLARD

Inventor Search Completed: No Records to Display.

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# **PALM INTRANET**

## Inventor Name Search Result

Your Search was:

Last Name = VENTRONE

First Name = SEBASTIAN

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<a href="#">07796194</a>	<a href="#">5357617</a>	150	11/22/1991	METHOD AND APPARATUS FOR SUBSTANTIALLY CONCURRENT MULTIPLE INSTRUCTION THREAD PROCESSING BY A SINGLE PIPELINE PROCESSOR	VENTRONE, SEBASTIAN
<a href="#">08927950</a>	<a href="#">6405234</a>	150	09/11/1997	FULL TIME OPERATING SYSTEM	VENTRONE, SEBASTIAN
<a href="#">09260453</a>	<a href="#">6269468</a>	150	03/02/1999	SPLIT I/O CIRCUIT FOR PERFORMANCE OPTIMIZATION OF DIGITAL CIRCUITS	VENTRONE, SEBASTIAN
<a href="#">09683778</a>	Not Issued	95	02/13/2002	HUB/ROUTER FOR COMMUNICATION BETWEEN CORES USING CARTESIAN COORDINATES	VENTRONE, SEBASTIAN
<a href="#">10248314</a>	Not Issued	71	01/08/2003	A Voltage Level Bus Protocol For Transferring Data	VENTRONE, SEBASTIAN R
<a href="#">10604174</a>	<a href="#">6954920</a>	150	06/30/2003	METHOD, PROGRAM PRODUCT, AND DESIGN TOOL FOR AUTOMATIC TRANSMISSION LINE SELECTION IN APPLICATION SPECIFIC INTEGRATED CIRCUITS	VENTRONE, SEBASTIAN T
<a href="#">09103383</a>	Not Issued	161	06/24/1998	LOW POWER STAND-BY MODE USING COMPRESSED DATA AND METHOD FOR USING SAME	VENTRONE, SEBASTIAN T
<a href="#">09615146</a>	<a href="#">6636995</a>	150	07/13/2000	METHOD OF AUTOMATIC LATCH INSERTION FOR TESTING APPLICATION SPECIFIC INTEGRATED CIRCUITS	VENTRONE, SEBASTIAN T
<a href="#">09492624</a>	Not Issued	161	01/27/2000	METHOD FOR IP CORE PROTECTION IN ASIC DESIGNS	VENTRONE, SEBASTIAN T.
<a href="#">09524661</a>	<a href="#">6282144</a>	150	03/13/2000	Multi-ported memory with asynchronous and synchronous protocol	VENTRONE, SEBASTIAN T.
<a href="#">09602369</a>	<a href="#">6978234</a>	150	06/23/2000	CONFIGURABLE REAL PROTOTYPE HARDWARE USING CORES AND MEMORY MACROS	VENTRONE, SEBASTIAN T.
<a href="#">09641425</a>	<a href="#">6304122</a>	150	08/17/2000	Low power LSSD flip flops and a flushable single clock splitter for flip flops	VENTRONE, SEBASTIAN T.
<a href="#">09681077</a>	<a href="#">6880074</a>	150	12/22/2000	IN-LINE CODE SUPPRESSION	VENTRONE,

					SEBASTIAN T.
<u>09709872</u>	<u>6604174</u>	150	11/10/2000	PERFORMANCE BASED SYSTEM AND METHOD FOR DYNAMIC ALLOCATION OF A UNIFIED MULTI-PORT CACHE	VENTRONE, SEBASTIAN T.
<u>09713829</u>	<u>6792582</u>	150	11/15/2000	CONCURRENT LOGICAL AND PHYSICAL CONSTRUCTION OF VOLTAGE ISLANDS FOR MIXED SUPPLY VOLTAGE DESIGNS	VENTRONE, SEBASTIAN T.
<u>09750969</u>	<u>6687883</u>	150	12/28/2000	SYSTEM AND METHOD FOR INSERTING LEAKAGE REDUCTION CONTROL IN LOGIC CIRCUITS	VENTRONE, SEBASTIAN T.
<u>09781369</u>	<u>6985004</u>	150	02/12/2001	WIRING OPTIMIZATIONS FOR POWER	VENTRONE, SEBASTIAN T.
<u>09805137</u>	<u>6964026</u>	150	03/14/2001	A METHOD OF UPDATING A SEMICONDUCTOR DESIGN	VENTRONE, SEBASTIAN T.
<u>09805138</u>	Not Issued	161	03/14/2001	Microprocessor including controller for reduced power consumption and method therefor	VENTRONE, SEBASTIAN T.
<u>09805200</u>	Not Issued	93	03/14/2001	MICROPROCESSOR INCLUDING CONTROLLER FOR REDUCED POWER CONSUMPTION AND METHOD THEREFOR	VENTRONE, SEBASTIAN T.
<u>09832520</u>	<u>6720673</u>	150	04/11/2001	VOLTAGE ISLAND FENCING	VENTRONE, SEBASTIAN T.
<u>09852784</u>	<u>6535016</u>	150	05/11/2001	METHOD AND CIRCUIT FOR PROVIDING COPY PROTECTION IN AN APPLICATION-SPECIFIC INTEGRATED CIRCUIT	VENTRONE, SEBASTIAN T.
<u>09895778</u>	<u>6545521</u>	150	06/29/2001	LOW SKEW, POWER SEQUENCE INDEPENDENT CMOS RECEIVER DEVICE	VENTRONE, SEBASTIAN T.
<u>09928573</u>	<u>6711719</u>	150	08/13/2001	METHOD AND APPARATUS FOR REDUCING POWER CONSUMPTION IN VLSI CIRCUIT DESIGNS	VENTRONE, SEBASTIAN T.
<u>10001686</u>	Not Issued	71	10/23/2001	Pervasive proactive project planner	VENTRONE, SEBASTIAN T.
<u>10064493</u>	<u>6794706</u>	150	07/22/2002	APPLICATIONS OF SPACE-CHARGE-LIMITED CONDUCTION INDUCED CURRENT INCREASE IN NITRIDE-OXIDE DIELECTRIC CAPACITORS: VOLTAGE REGULATOR FOR POWER SUPPLY SYSTEM AND OTHERS	VENTRONE, SEBASTIAN T.
<u>10064582</u>	Not Issued	94	07/29/2002	SYSTEM AND METHOD FOR CORRECTING TIMING SIGNALS IN INTEGRATED CIRCUITS	VENTRONE, SEBASTIAN T.
<u>10249568</u>	Not Issued	93	04/19/2003	WIRELESS COMMUNICATION SYSTEM WITHIN A SYSTEM ON A	VENTRONE, SEBASTIAN T.

				CHIP	
<u>10249684</u>	<u>6825711</u>	150	04/30/2003	POWER REDUCTION BY STAGE IN INTEGRATED CIRCUIT	VENTRONE, SEBASTIAN T.
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## 1 The A to Z of SoCs



Reinaldo A. Bergamaschi, John Cohn

November 2002 **Proceedings of the 2002 IEEE/ACM international conference on Computer-aided design**

**Publisher:** ACM Press

Full text available:  pdf(209.48 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

The exploding complexity of new chips and the ever decreasing time-to-market window are forcing fundamental changes in the way systems are designed. The advent of Systems-on-Chip (SoC) based on pre-designed intellectual-property (IP) cores has become an absolute necessity for embedded systems companies to remain competitive. Designing an SoC, however, is extremely complex, as it encompasses a range of difficult problems in hardware and software design. This paper explains a wide range of SoC iss ...

## 2 Managing power and performance for System-on-Chip designs using Voltage Islands



David E. Lackey, Paul S. Zuchowski, Thomas R. Bednar, Douglas W. Stout, Scott W. Gould,  
John M. Cohn

November 2002 **Proceedings of the 2002 IEEE/ACM international conference on Computer-aided design**

**Publisher:** ACM Press

Full text available:  pdf(96.51 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citings](#), [index terms](#)

This paper discusses Voltage Islands, a system architecture and chip implementation methodology, that can be used to dramatically reduce active and static power consumption for System-on-Chip (SoC) designs. As technology scales for increased circuit density and performance, the need to reduce power consumption increases in significance as designers strive to utilize the advancing silicon capabilities. The consumer product market further drives the need to minimize chip power consumption. Effectiv ...

### <sup>3</sup> Supporting systolic and memory communication in iWarp



Shekhar Borkar, Robert Cohn, George Cox, Thomas Gross, H. T. Kung, Monica Lam, Margie Levine, Brian Moore, Wire Moore, Craig Peterson, Jim Susman, Jim Sutton, John Urbanski, Jon Webb

May 1990 **ACM SIGARCH Computer Architecture News**, Proceedings of the 17th annual international symposium on Computer Architecture ISCA '90, Volume 18 Issue 3a


**Publisher:** ACM Press

Full text available:  pdf(2.09 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

iWarp is a parallel architecture developed jointly by Carnegie Mellon University and Intel Corporation. The iWarp communication system supports two widely used interprocessor communication styles: memory communication and systolic communication. This paper describes the rationale, architecture, and implementation for the iWarp communication system. The sending or receiving processor of a message can perform either memory or systolic communication ...

#### 4 Medical care simulation: A study utilizing dynamic simulation modeling

 S. H. Cohn, J. F. Brandeys


January 1973 **Proceedings of the 6th conference on Winter simulation**

**Publisher:** ACM Press

Full text available:  pdf(21.24 KB) Additional Information: [full citation](#), [abstract](#), [index terms](#)


Development and implementation of a dynamic computer-aided simulation model of the Family Practice Units Network affiliated with the University of Toronto is discussed. The medical network is conceptualized in an industrial dynamics framework, as a system of interacting flows of patients, medical staff, capital assets, information, and money. Given a patient demand for medical care, the model will process patient's allocation, hire staff, accumulate capital assets and generate ex ...

#### 5 Nanometer design: place your bets: Nanometer design: place your bets

 Andrew B. Kahng, Shekhar Borkar, John Cohn, Antun Domic, Patrick Groeneveld, Louis Scheffer, Jean-Pierre Schoellkopf

June 2003 **Proceedings of the 40th conference on Design automation**

**Publisher:** ACM Press

Full text available:  pdf(373.87 KB) Additional Information: [full citation](#)

#### 6 WBIA'05: Persistence in dynamic code transformation systems

 Vijay Janapa Reddi, Dan Connors, Robert S. Cohn


December 2005 **ACM SIGARCH Computer Architecture News**, Volume 33 Issue 5

**Publisher:** ACM Press

Full text available:  pdf(295.49 KB) Additional Information: [full citation](#), [abstract](#), [references](#)

Dynamic code transformation systems (DCTS) can broadly be grouped into three distinct categories: optimization, translation and instrumentation. All of these face the critical challenge of minimizing the overhead incurred during transformation since their execution is interleaved with the execution of the application itself. The common DCTS tasks incurring overhead are the identification of frequently executed code sequences, costly analysis of program information, and run-time creation (writing ...

#### 7 Brave new topics 2: affective multimodal human-computer interaction: Affective multimodal human-computer interaction

 Maja Pantic, Nicu Sebe, Jeffrey F. Cohn, Thomas Huang

November 2005 **Proceedings of the 13th annual ACM international conference on Multimedia MULTIMEDIA '05**

**Publisher:** ACM Press

Full text available:  pdf(252.57 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Social and emotional intelligence are aspects of human intelligence that have been argued to be better predictors than IQ for measuring aspects of success in life, especially in social interactions, learning, and adapting to what is important. When it comes to machines, not all of them will need such skills. Yet to have machines like computers, broadcast systems, and cars, capable of adapting to their users and of anticipating their wishes, endowing them with the ability to recognize user's affe ...

**Keywords:** affective computing, multimodal human-computer interaction

## 8 Oral I: Person identification using automatic integration of speech, lip, and face experts



Niall A. Fox, Ralph Gross, Philip de Chazal, Jeffery F. Cohn, Richard B. Reilly  
November 2003 **Proceedings of the 2003 ACM SIGMM workshop on Biometrics methods and applications**

**Publisher:** ACM Press

Full text available: pdf(293.18 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

This paper presents a multi-expert person identification system based on the integration of three separate systems employing audio features, static face images and lip motion features respectively. Audio person identification was carried out using a text dependent Hidden Markov Model methodology. Modeling of the lip motion was carried out using Gaussian probability density functions. The static image based identification was carried out using the FaceIt system. Experiments were conducted with 25 ...

**Keywords:** audio, automatic weighting, face, late integration, lips, multi-expert, person identification

## 9 XML and genomic data



Judith D. Cohn  
December 2000 **ACM SIGBIO Newsletter**, Volume 20 Issue 3

**Publisher:** ACM Press

Full text available: pdf(256.02 KB) Additional Information: [full citation](#), [abstract](#), [index terms](#)

XML is an extensible, universal format for structured data exchange and documents on the Web. This brief overview highlights examples of current work and future directions for domain-specific XML within the genomic community.

## 10 Layout tools for analog ICs and mixed-signal SoCs: a survey



Rob A. Rutenbar, John M. Cohn  
May 2000 **Proceedings of the 2000 international symposium on Physical design**

**Publisher:** ACM Press

Full text available: pdf(247.03 KB) Additional Information: [full citation](#), [references](#)

## 11 Bimodal expression of emotion by face and voice



Jeffrey F. Cohn, Gary S. Katz  
September 1998 **Proceedings of the sixth ACM international conference on Multimedia: Face/gesture recognition and their applications**

**Publisher:** ACM Press

Full text available: pdf(431.60 KB) Additional Information: [full citation](#), [references](#), [index terms](#)

## 12 Pin: building customized program analysis tools with dynamic instrumentation



Chi-Keung Luk, Robert Cohn, Robert Muth, Harish Patil, Artur Klauser, Geoff Lowney, Steven Wallace, Vijay Janapa Reddi, Kim Hazelwood  
June 2005 **ACM SIGPLAN Notices , Proceedings of the 2005 ACM SIGPLAN conference on Programming language design and implementation PLDI '05**, Volume 40 Issue 6

**Publisher:** ACM Press

Full text available: pdf(300.61 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Robust and powerful software instrumentation tools are essential for program analysis tasks such as profiling, performance evaluation, and bug detection. To meet this need, we have developed a new instrumentation system called *Pin*. Our goals are to provide *easy-to-use*, *portable*, *transparent*, and *efficient* instrumentation. Instrumentation tools (called *Pintools*) are written in C/C++ using Pin's rich API. Pin follows the model of ATOM,

allowing the tool writer to analyz ...

**Keywords:** dynamic compilation, instrumentation, program analysis tools

### 13 Code layout optimizations for transaction processing workloads



Alex Ramirez, Luiz André Barroso, Kourosh Gharachorloo, Robert Cohn, Josep Larriba-Pey, P. Geoffrey Lowney, Mateo Valero

May 2001 **ACM SIGARCH Computer Architecture News , Proceedings of the 28th annual international symposium on Computer architecture ISCA '01**, Volume 29 Issue 2

**Publisher:** ACM Press

Full text available: pdf(746.54 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Commercial applications such as databases and Web servers constitute the most important market segment for high-performance servers. Among these applications, on-line transaction processing (OLTP) workloads provide a challenging set of requirements for system designs since they often exhibit inefficient executions dominated by a large memory stall component. This behavior arises from large instruction and data footprints and high communication miss rates. A number of recent studies have chara ...

### 14 ASIC design in nanometer era - dead or alive?: Pushing ASIC performance in a power envelope



Ruchir Puri, Leon Stok, John Cohn, David Kung, David Pan, Dennis Sylvester, Ashish Srivastava, Sarvesh Kulkarni

June 2003 **Proceedings of the 40th conference on Design automation**

**Publisher:** ACM Press

Full text available: pdf(487.74 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Power dissipation is becoming the most challenging design constraint in nanometer technologies. Among various design implementation schemes, standard cell ASICs offer the best power efficiency for high-performance applications. The flexibility of ASICs allow for the use of multiple voltages and multiple thresholds to match the performance of critical regions to their timing constraints, and minimize the power everywhere else. We explore the trade-off between multiple supply voltages and multiple ...

**Keywords:** ASIC, design optimization, high-performance, low-power

### 15 Session 3: From the Trenches (invited): There is life left in ASICs



Leon Stok, John Cohn

April 2003 **Proceedings of the 2003 international symposium on Physical design**

**Publisher:** ACM Press

Full text available: pdf(71.49 KB) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

**Keywords:** ASIC, design cost, design tools

### 16 Is nanometer design under control? (panel session)



Andrew B. Kahng, Nancy Nettleton, John Cohn, Shekhar Borkar, Louis Scheffer, Ed Cheng, Sang Wang

June 2001 **Proceedings of the 38th conference on Design automation**

**Publisher:** ACM Press

Full text available: pdf(105.77 KB) Additional Information: [full citation](#), [abstract](#), [index terms](#)

As fabrication technology moves to 100 nm and below, profound nanometer effects become critical in developing silicon chips with hundreds of millions of transistors. Both

EDA suppliers and system houses have been re- tooling, and new methodologies have been emerging. Will these efforts meet the challenges of nanometer silicon such as performance closure, power, reliability, manufacturability, and cost? Which aspects of nanometer design are, or are not, under control? This session will consi ...

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### 1 [Managing power and performance for System-on-Chip designs using Voltage Islands](#)



David E. Lackey, Paul S. Zuchowski, Thomas R. Bednar, Douglas W. Stout, Scott W. Gould, John M. Cohn

 November 2002 **Proceedings of the 2002 IEEE/ACM international conference on Computer-aided design**

Publisher: ACM Press

 Full text available: [pdf\(96.51 KB\)](#)

 Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

This paper discusses Voltage Islands, a system architecture and chip implementation methodology, that can be used to dramatically reduce active and static power consumption for System-on-Chip (SoC) designs. As technology scales for increased circuit density and performance, the need to reduce power consumption increases in significance as designers strive to utilize the advancing silicon capabilities. The consumer product market further drives the need to minimize chip power consumption. Effectiv ...

### 2 [Adaptive blocks: a high performance data structure](#)



Quentin F. Stout, Darren L. De Zeeuw, Tamas I. Gombosi, Clinton P. T. Groth, Hal G. Marshall, Kenneth G. Powell

 November 1997 **Proceedings of the 1997 ACM/IEEE conference on Supercomputing (CDROM)**

Publisher: ACM Press

 Full text available: [pdf\(236.62 KB\)](#)

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We examine a data structure which uses flexible "adaptivity" to obtain high performance for both serial and parallel computers. The data structure is an adaptive grid which partitions a given region into regular cells. Its closest relatives are cell-based tree decompositions, but there are several important differences which lead to significant performance advantages. Using this block data structure to support adaptive mesh refinement (AMR), we were able to sustain 17 GFLOPS in ideal magnetohydr ...

**Keywords:** adaptive blocks, adaptive mesh refinement (AMR), dynamic data structure, high performance computing, magnetohydrodynamics (MHD), octree, parallel computing, quadtree, spatial decomposition

### 3 [Adaptive parallel computation of a grand-challenge problem: prediction of the path of a solar-corona mass ejection](#)



Quentin F. Stout, Darren L. De Zeeuw, Tamas I. Gombosi, Clinton P. T. Groth, Hal G. Marshall, Kenneth G. Powell

 November 1998 **Proceedings of the 1998 ACM/IEEE conference on Supercomputing (CDROM)**



**Publisher:** IEEE Computer Society

Full text available:  [html\(28.70 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#)

One of the ways that the Sun interacts with the Earth is through the solar wind, which is an ionized multi-component fluid that emanates from the Sun and travels radially outward at hundreds of kilometers per second. Solar-wind transients, such as Coronal Mass Ejections (CME's), can be particularly important. In rare cases, CME's have affected the lower atmosphere of the Earth, causing regional power-grid failures. More regularly, CME's pose threats to satellites and spacecraft. Due to the extre ...

**Keywords:** Riemann solver, adaptive blocks, adaptive mesh refinement (AMR), coronal mass ejection (CME), heliospheric plasma, hyperbolic PDEs, magneto-hydrodynamics (MHD), space weather prediction, upwind methods

#### 4 [Session: Diffusive parallelism: a parallel programming model for large scale](#)

##### [distributed computation systems](#)

Peter D. Stout, Brian N. Bershad

September 1992 **Proceedings of the 5th workshop on ACM SIGOPS European workshop: Models and paradigms for distributed systems structuring**

**Publisher:** ACM Press

Full text available:  [pdf\(575.62 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#)


The spread of networks and powerful workstations has created an attractive source of parallel computing power. We are exploring a new parallel programming model, called *diffusive parallelism*, designed specifically for use with large scale, distributed computation systems. The model provides a simple, yet powerful, abstraction to the programmer, while making it possible to build a secure, robust, distributed computation system in the presence of long delays, failure, and untrusted user pro ...

#### 5 [Optimal parallel construction of Hamiltonian cycles and spanning trees in random graphs](#)

 Philip D. MacKenzie, Quentin F. Stout

August 1993 **Proceedings of the fifth annual ACM symposium on Parallel algorithms and architectures**

**Publisher:** ACM Press

Full text available:  [pdf\(702.15 KB\)](#) Additional Information: [full citation](#), [references](#), [index terms](#)

#### 6 [Ultra-fast expected time parallel algorithms](#)

Philip D. MacKenzie, Quentin F. Stout

March 1991 **Proceedings of the second annual ACM-SIAM symposium on Discrete algorithms**

**Publisher:** Society for Industrial and Applied Mathematics

Full text available:  [pdf\(1.07 MB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

#### 7 [Introducing parallel algorithms in undergraduate computer science courses \(tutorial session\)](#)

 Bruce R. Maxim, Gregory Bachelis, David James, Quentin Stout

February 1990 **ACM SIGCSE Bulletin , Proceedings of the twenty-first SIGCSE technical symposium on Computer science education SIGCSE '90**, Volume 22 Issue 1

**Publisher:** ACM Press

Full text available:  [pdf\(78.80 KB\)](#) Additional Information: [full citation](#), [index terms](#)

#### 8 [Simulating schedule recovery strategies in manufacturing assembly operations](#)



Patrick J. Starr, Douglas S. Skrien, Robert M. Meyer

December 1986 **Proceedings of the 18th conference on Winter simulation****Publisher:** ACM Press

Full text available: pdf(542.30 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

An animated simulation is used to evaluate two workforce management options in response to work stoppages in an electronic assembly workcell. An industrial based workcell consisting of 15 workstations is modeled in the SIMPLE\_1 environment. A work stoppage is introduced at a station and the throughput time for each assembly is recorded. Two strategies are compared: one has five worker groups, each serving a set of stations, and the other allows workers to move between groups. Steady state p ...

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# 1 [An Iterative Algorithm for Battery-Aware Task Scheduling on Portable Computing](#)


[Platforms](#)

Jawad Khan, Ranga Vemuri

 March 2005 **Proceedings of the conference on Design, Automation and Test in Europe -**
**Volume 1 DATE '05**
**Publisher:** IEEE Computer Society

 Full text available: pdf(161.55 KB) Additional Information: [full citation](#), [abstract](#), [citations](#), [index terms](#)

In this work we consider battery powered portable systems which either have Field Programmable Gate Arrays (FPGA) or voltage and frequency scalable processors as their main processing element. An application is modeled in the form of a precedence task graph at a coarse level of granularity. We assume that for each task in the task graph several unique design-points are available which correspond to different hardware implementations for FPGAs and different voltage-frequency combinations for proc ...

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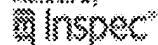
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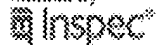
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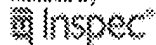
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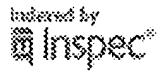
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